



Domestic Dishwasher

SERVICE MANUAL



**Models:
DW12S**

Features:

1. ★★for energy consumption of Australia standard
2. Three-spraying, higher cleaning ratio
3. Super-capacity for 12 settings

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10. Sincere Forever	



1.Features

1.1★★ for energy consumption of Australia standard

1.2★★★for water consumption of Australia standard

1.3 Super-capacity for 12 settings



2.Safety Precaution

IMPORTANT

Carefully read the instructions contained in this manual, as it provides information that is essential to safe and proper installation, use and maintenance of this appliance.

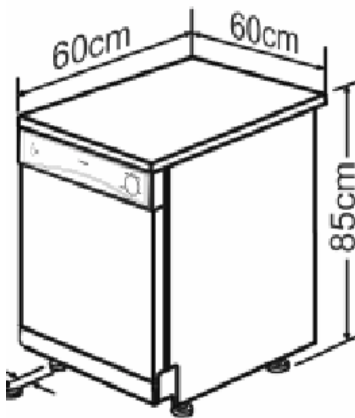
This appliance complies with following EEC directives:

- 73/23/EEC of 19/02/73(Low Voltage) and subsequent modifications;
- **89/336/EEC of 03/05/89 (Electromagnetic Compatibility) and subsequent modifications.**
- Carefully dispose of the packing material.
- After removing the packing, check to make sure that the appliance is not damaged. If in doubt, contact a qualified professional.
- The dishwasher must only be used by adults for the washing of household dishes and cooking utensils.
- Fundamental rules to follow when using the appliance:
 - * Never touch the dishwasher when barefoot or with wet hands or feet;
 - * We discourage the use of extension cords and multiple sockets;
 - * During installation, the power supply cord must not be excessively or dangerously bent or flattened;
 - * If the appliance is not operating properly or maintenance must be performed, disconnect the appliance from the power supply.
- Keep detergents out of the reach of children, who must also be kept away from the dishwasher when it is open.
- This appliance cannot be installed outdoors, not even if the area in which it is installed is covered by a roof; it is also very dangerous to leave it exposed to the rain and elements.
- Do not touch the heating element during or after a wash cycle.
- Do not lean or sit on the door when it is open, as this could overturn the dishwasher.
- If the appliance malfunctions, turn off water supply to the appliance and disconnect the plug from the wall socket. Then, consult the section entitled, "Troubleshooting." If you cannot resolve the problem, contact a service center.
- Only specialised personnel are authorised to make repairs.
- Appliances which are no longer being used must be made inoperable by cutting the power supply cord and removing the door lock.

Notice:

***The appliance is not instruct for use of young children of infirm persons without supervision.
Young children should be supervised to ensure that they do not play with the appliance.
If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.***

3.Net dimension



4.Installation and Accessory Parts

4.1 Positioning the Appliance

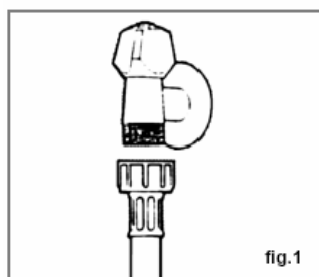
Position the appliance in the desired location. The back should rest against the wall behind it, and the sides, along the adjacent cabinets or wall. The dishwasher is equipped with water supply and drain hoses that can be positioned on the right or the left to facilitate proper installation.

4.2 Leveling the Appliance

Once the appliance is positioned, adjust the feet (screw them in or out) to level the dishwasher. In any case, the appliance should not be inclined more than 2°. If the appliance is level, it will help ensure proper performance.

4.3 Cold Water Connection

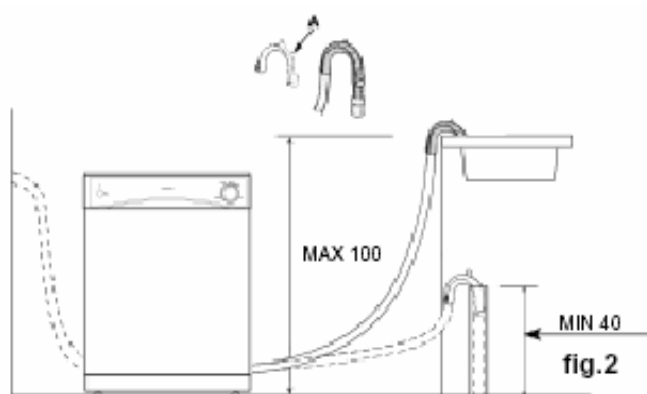
Connect the cold water supply hose to a threaded 3/4(gas) connector and make sure that it is fastened tightly in place (see Fig 1).



If the water pipes are new or have not been used for an extended period of time, let the water run to make sure that the water is clear and free of impurities. If this precaution is not taken, there is a risk that the water inlet can get blocked and damage the appliance.

4.4 Drain Hose Connection

Insert the drain hose into a drain pipe with a minimum diameter of 4cm, or let it run into the sink, making sure to avoid bending or crimping it. Use the special plastic support that comes with the appliance (see Fig.2). The free end of the hose must be at a height between 40 and 100 cm and must not be immersed in water.



4.5 Electrical Connection

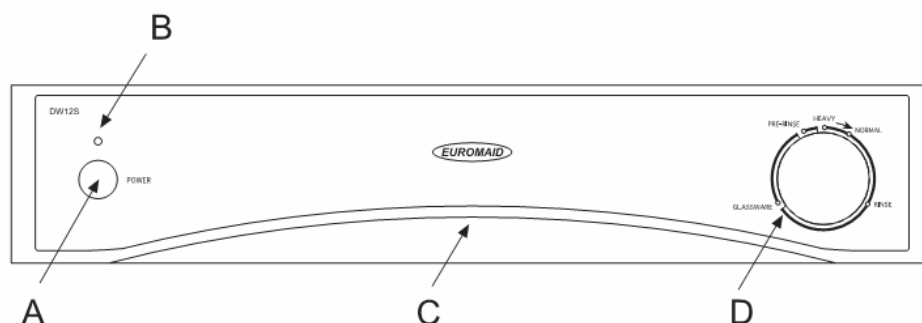
After making sure that the voltage and frequency values for the current in the home correspond to those on the rating plate (located on the stainless steel inner door of the appliance) and that the electrical system is correct for the maximum voltage on the rating plate, insert the plug into an electrical socket which is earthed properly (the earthing of the appliance is a safety requirement mandated by law).

If the electrical socket to which the appliance must be connected is not appropriate for the plug, replace the plug, rather than using adaptors or the like as they could cause overheating and burns.

Caution:

The dishwasher plug must be accessible even when the appliance is installed as a built-in unit so that maintenance can be done safely.

5.Parts and Functions



A. Power Button

B. Power Light

C. Handle For Opening Door

D. Dial For Selecting Cycle



A. Upper Rack

B. Rack Height Adjustor

C. Top Spray Arm

D. Lower Rack

E. Bottom Spray Arm

F. Washing Filter

G. Detergent and Rinse Aid Dispenser

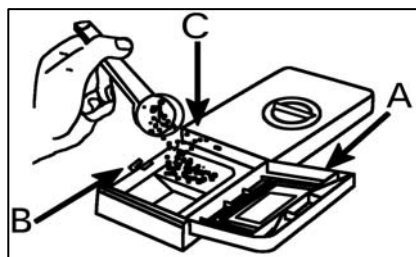
Detergent

Detergent specifically intended for use with dishwashers must be used. The dispenser must be refilled before the start of each wash cycle following the instructions provided in the "Wash Cycle Table." The detergent dispenser is located on the inside panel the door.

Loading the detergent

To open the "A" cover on the dispenser, press the "B" button. The detergent for the wash cycle should be poured into the "C" compartment.

After the detergent has been placed in the dispenser, close the cover and press down until it clicks in place.



Notice: To facilitate closing the cover, remove any excess detergent on the edges of the dispenser.

Dishwasher detergents are strongly alkaline. They can be extremely dangerous if swallowed. Avoid contact with the skin and eyes and keep children away from the dishwasher when the door is open. Check that the detergent receptacle is empty after

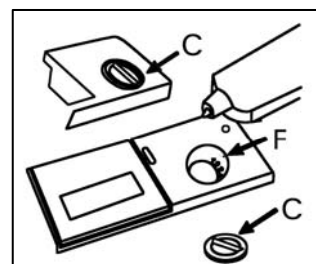
completion of the wash cycle.

Rinse Aid

This product makes dishes sparkle and helps them to dry without spotting. The dispenser is located on the inside panel of the door and should be filled after every 80 wash cycle (or when the rinse aid indicator light comes on for those models with this feature).

Loading The Rinse Aid

To open the dispenser, turn the "C" cap in the anti-clockwise direction and then pour in the rinse aid, making sure not to overfill. The amount of rinse aid used for each cycle can be regulated by turning the "F" dose adjuster, located beneath the "C" cap, with a screwdriver. here are 6 different settings; the normal dosage setting is 1.



Important

Proper dosage of the rinse aid improves drying.

If drops of water remain on the dishes or spotting occurs, the dosage adjustor should be turned to a higher setting. If the dishes have white streaks, turn the dosage adjustor to a lower setting.



Before placing the dishes in the dishwasher, remove the large food particle to prevent the filter from becoming clogged, which results in reduced performance.

If the pots and pans have baked-on food that is extremely hard to remove, we recommend that they be allowed to soak before they are washed. This will eliminate the need for extra wash cycle.

Pull out the rack to facilitate loading the dishwasher.

How to Use the Lower Rack

We recommend that you place the items which are the most difficult to clean items on the lower rack: pots, lids, serving dishes and bowls, as shown in the figure to the right.

It is preferable to place serving dishes and lids on the sides of the racks in order to avoid blocking the rotation of the top spray arm.

- Pots, serving bowls, etc. must always be placed face down.
- Deep pots should be slanted to allow the water to flow out.
- The silverware basket can not be doubled (see fig.A) .
- Silverware should be placed in the silverware basket with the handles at the bottom; if the rack has side baskets, the spoons should be located individually into the appropriate slots. Especially long utensils should be placed in the horizontal position at the front of the upper rack.

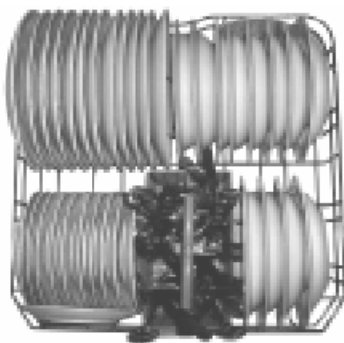
How to Use the Upper Rack

The upper rack is designed to hold more delicate and lighter dishware, such as glasses, coffee and tea cups and saucers, as well as plates, small bowls and shallow pans (as long as they are not too dirty).

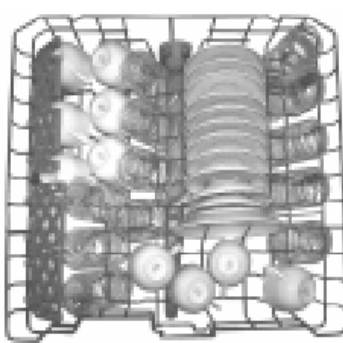
Position the dishes and cookware so that they do not get moved by the spray of water.

The upper rack can be adjusted for height. (See fig.B)

Lower Rack



Upper Rack



Load for 12 Standard Settings



fig.A

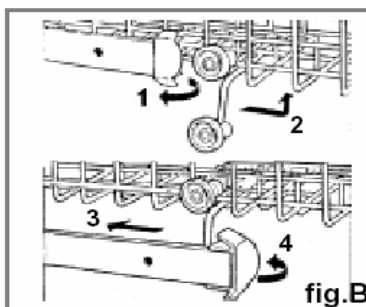
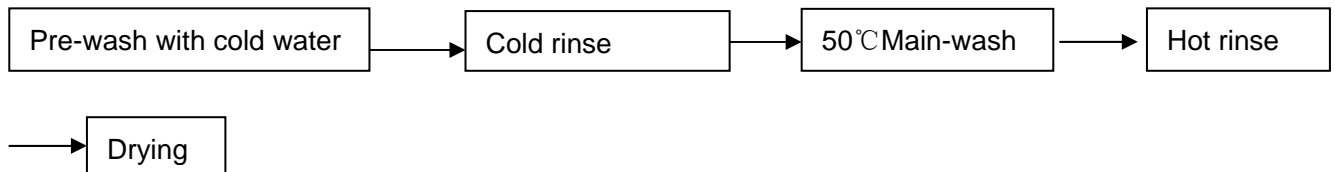


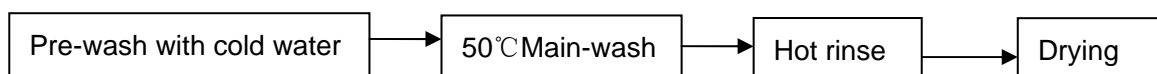
fig.B

6.Function Schedule

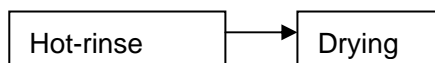
1、Heavy wash



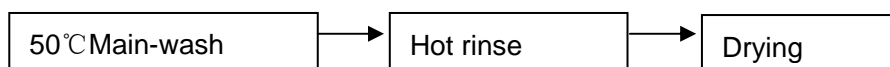
2、Normal wash



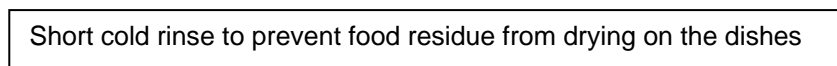
3、Rinse



4、Glassware



5、Pre-Rline





7.Program Diagram

Cycle	Cycle Selection Information	Description of Cycle	Detergent	Rinse Aid
Heavy Wash	Very dirty dishes, pots and pans. (Not to be used with delicate items).	Cold pre-wash. Cold rinse. Extended 50°C wash. Hot rinse. Drying.	30g	★
Normal Wash (AS/NZS 2007)	Normally load of dirty dishes, pots and pans. Standard daily cycle.	Cold rinser. Extended 50°C wash. Hot water. Drying.	5+25g	★ (5)
Rinse	For dishes that only require a rinse and dry.	Hot rinse with. Drying.		★
Glassware	Economic cycle for delicate items. Run immediately after dishes are used.	Wash at 50°C. Hot Rinse Drying.	15g	★
Pre-rinse	Pre-rinse of dishes while waiting for a full load.	Short cold wash to prevent food residue from drying on the dishes.		

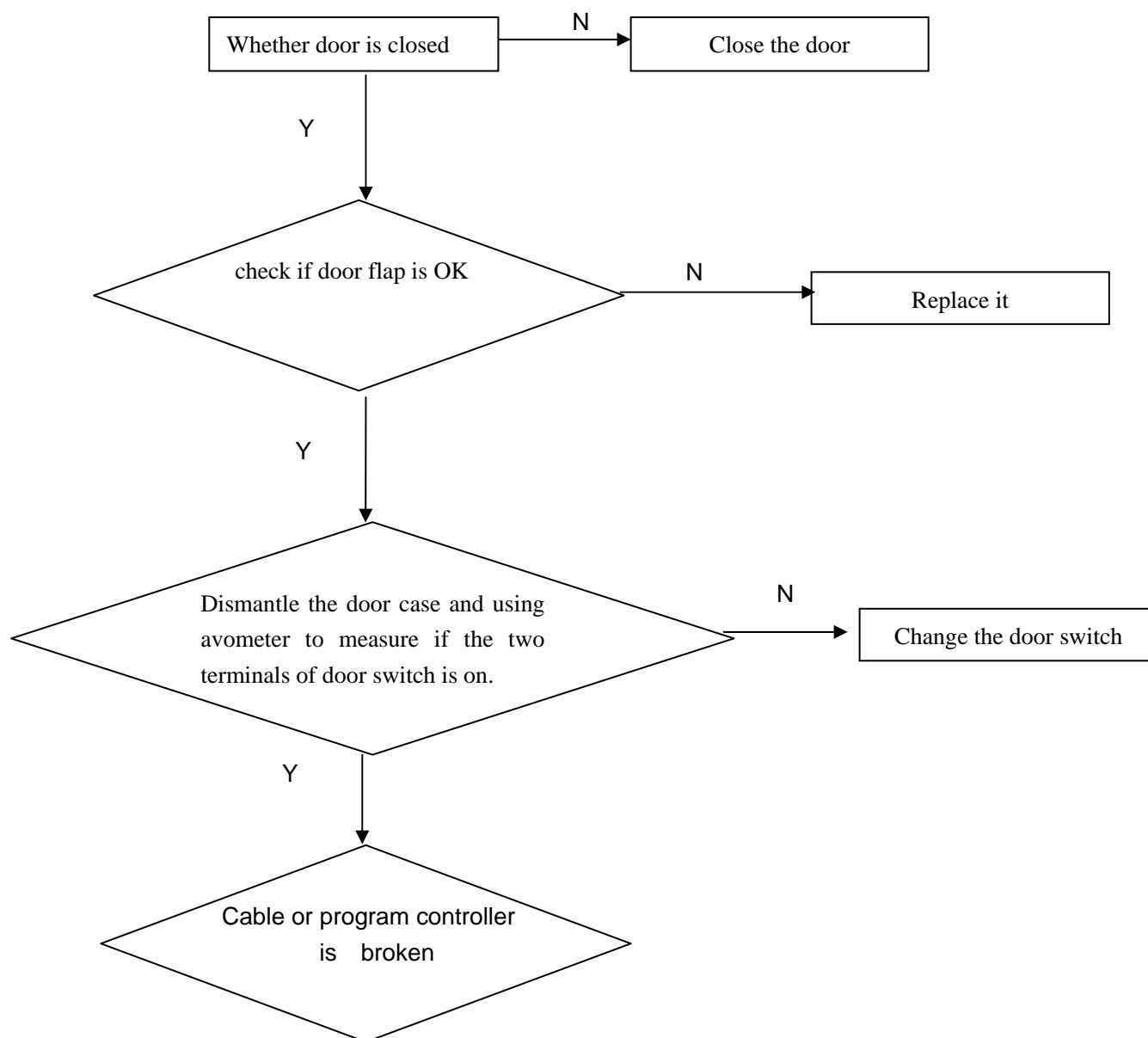
8. Maintenances Services and Trouble Shooting

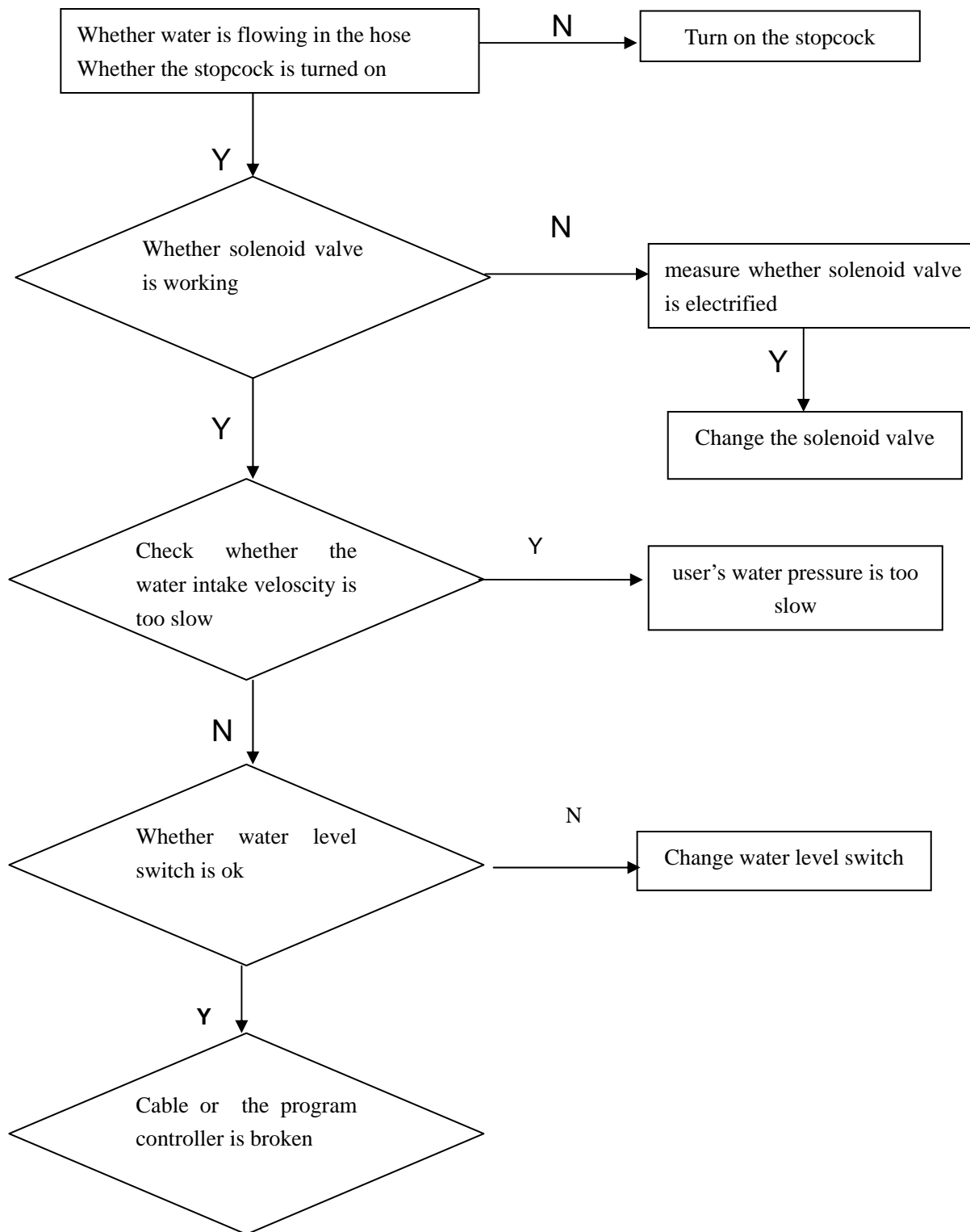
8.1 Maintenances Services

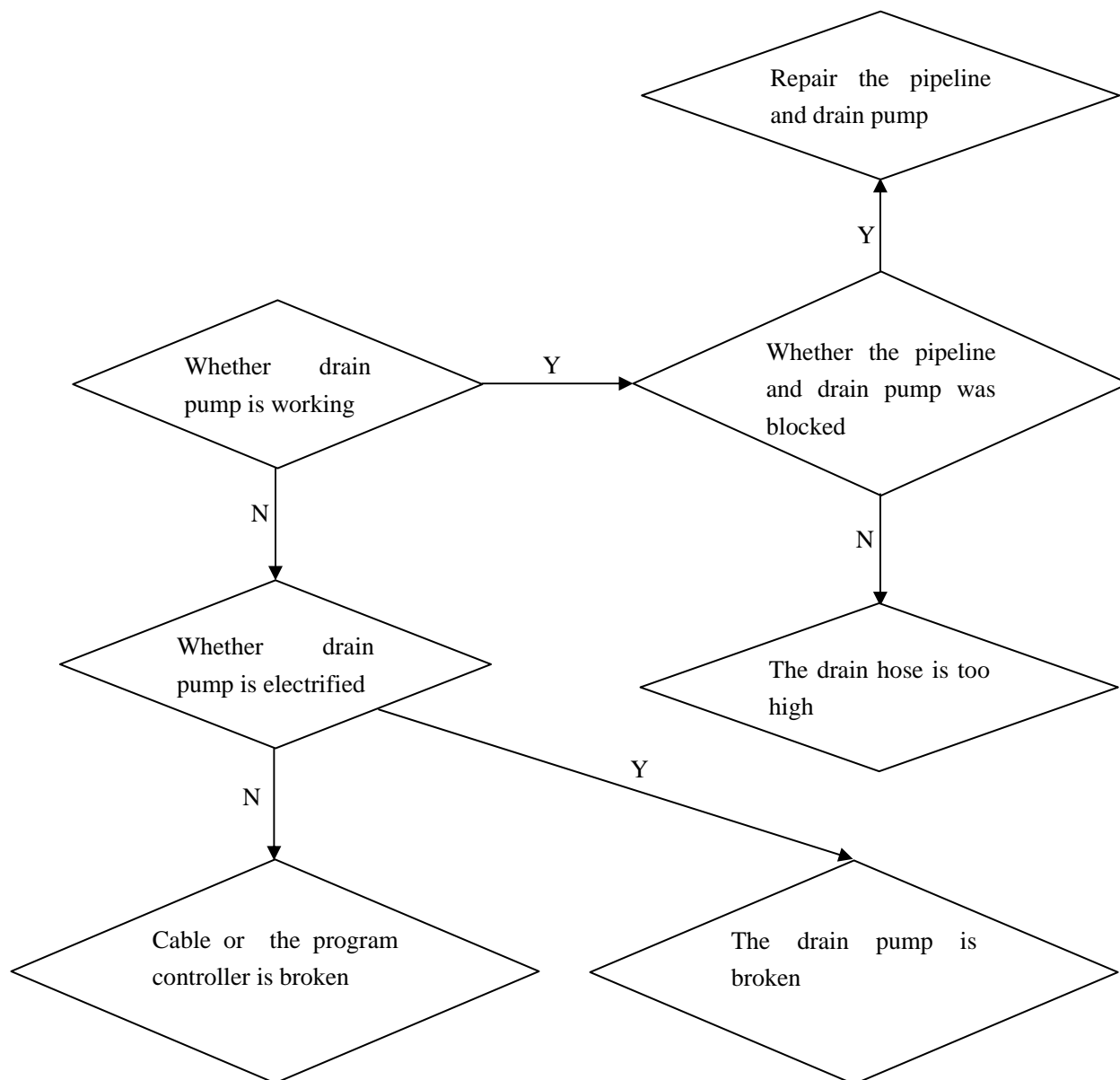
Analysis of the common breakdowns.

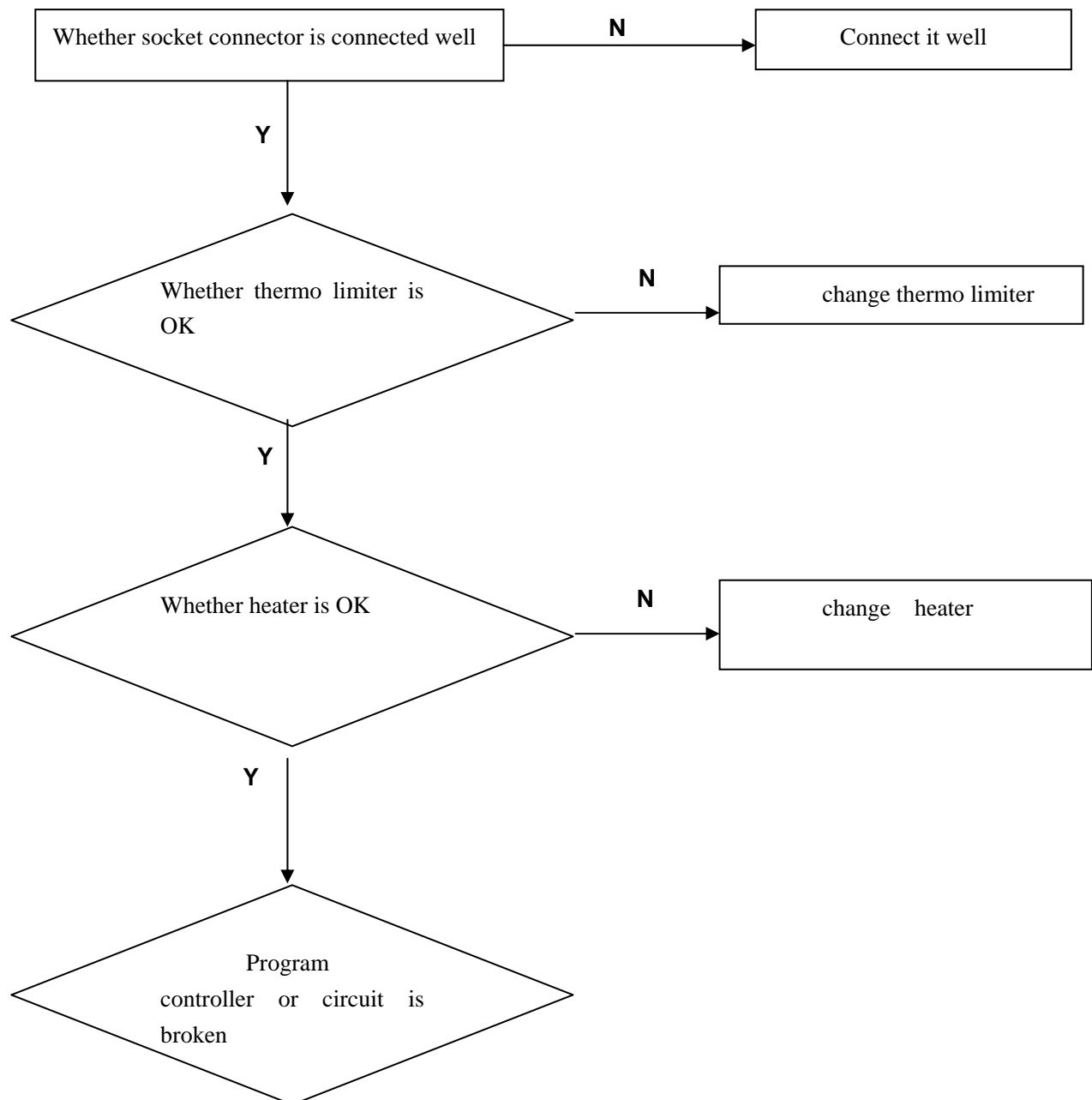
Door switch trouble

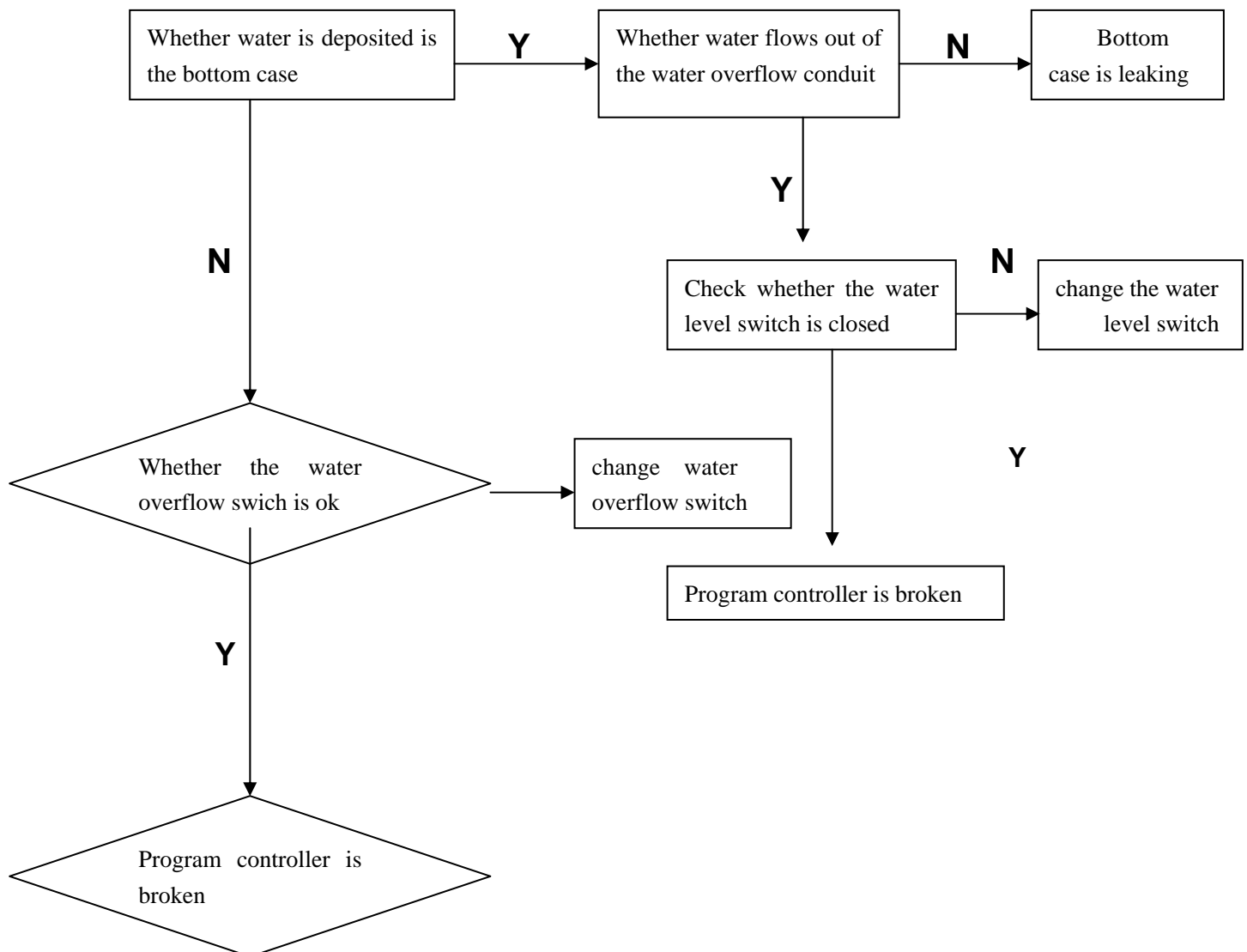
Phenomenon: the dishwasher does not work

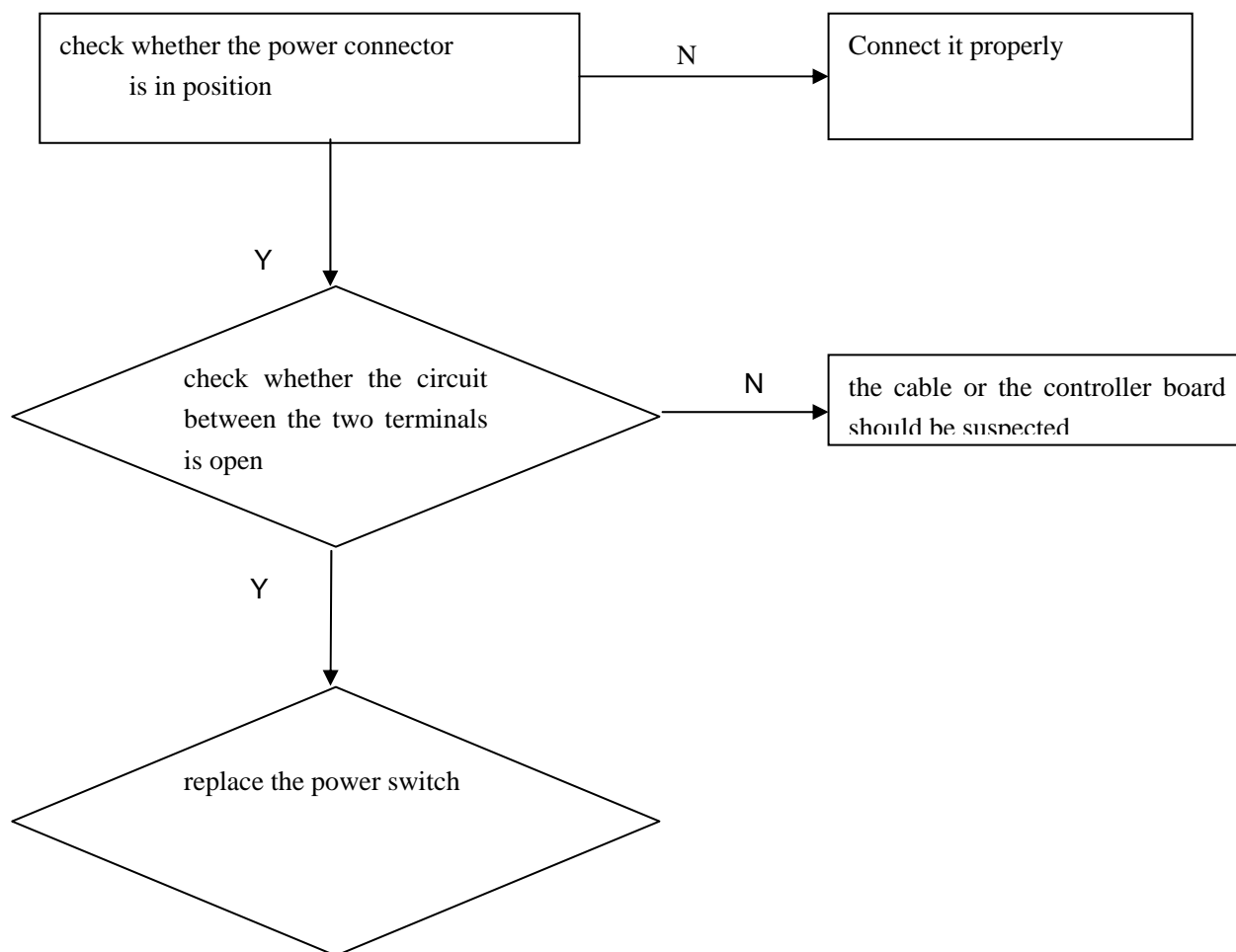


water supply trouble**Phenomenon: water level cannot reach the required location**

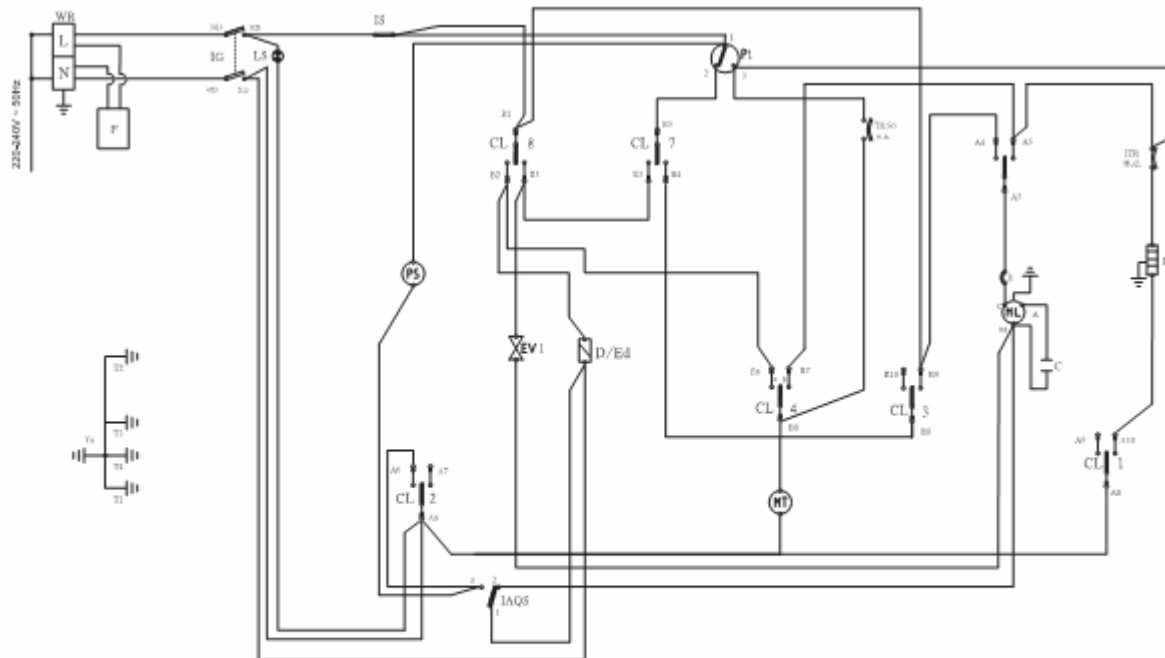
Drain pump trouble**Phenomenon: water cannot be drained**

Heating trouble**Phenomenon: program controller stop turning**

Water overflow trouble**Phenomenon: drain pump keep on working**

Power supply trouble**Phenomenon: dashwaser cannot work**

9.Circuit Diagram



WR: Wiring box IG: Power switch IS: Door switch P1: Water level switch LS: Power indicator

PS: Drain pump EV1: Inlet valve D-Ed: Dispenser TS.50: 50°C Thermostat

ITR: Overheat thermostat R: Heater ML: Washing motor MT: Timer motor IAQS: overflow switch

Sincere Forever

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